

1 50679/DJB/C766

## ABSTRACT OF THE DISCLOSURE

5 Apparatus and methods for performing remote detection of physiological activity are described. One aspect of the invention involves obtaining information concerning respiration and heart function. In one embodiment, the invention includes a source containing an oscillator configured to illuminate the subject with electromagnetic signal beam and a receiver configured to observe changes in the amplitude of the electromagnetic signal reflected by the subject.

10 DJB/djb

SYB IRV1068334.1-\* -08/1/03 5:43 PM